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TOWN OF NEW WINDSOR
PLANNING BOARD
SWPPP TECHNICAL REVIEW COMMENTS

PROJECT NAME:	RIDGE RISE
PROJECT LOCATION:	SECTION 35, BLOCK 1, LOT 112
P.B. PROJECT NO.:	04-27
APPLICANT'S REPRESENTATIVE:	ENTEC
PREPARATION DATE:	24 MARCH 2008
MEETING DATE:	

Our office has reviewed the Stormwater Pollution Prevention Plan (SWPPP), dated 11 February 2008, with regard to the subject project. Upon our review of the aforementioned revised SWPPP, we offer the following comments:

1. The storm events that are required to be measured are the 1, 10, and 100-year events. Tables in the report include a 20-year and 25-year summary, do not include the 1-year event, and do not correspond to the stormwater model results presented in the appendix of the report.
2. Silt fence should be shown parallel to the existing contours. Using silt fence as a construction barrier or along a slope can create erosion along the fence.
3. The applicant is proposing to use a cartridge filtration system. The report states that infiltration rates are between 0.6 and 1.2 inches per hour. The soil laboratory analysis included in the appendix of the report show that only two of the six deep pit locations meet the reported permeability of 0.6 inches per hour yet it appears infiltration has been proposed in areas that did not meet the reported results. The NYSDEC requirements for using infiltration practices require a minimum 0.5 inches per hour to even be considered as a possible location for an infiltration practice. Where infiltration does not meet the required minimum infiltration rate, underdrains are required.
4. Testing for infiltration practices must conform to Appendix D in the New York State Stormwater Management Design Manual, August 2003.
5. Offsite Soil Conservation Service soil class information should be included in the report.
6. Applicant is proposing to disturb wetland area. As such a Jurisdictional Determination for the wetland is required. Please provide the date of the JD from the Army Corps of Engineers on the

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drawing and in the report.

7. The culverts for conveying the wetlands through the disturbance, shown on the road profiles, must be depicted in the site plans.
8. Catch basins proposed for the site must be consistent with Town of New Windsor standard details. A 12-inch sump is required.
9. The entire site appears to only use silt fence to control erosion. Applicant should consider using additional practices such as silt traps and sediment basins.

A more complete review of the Storm Water Pollution Prevention Plan will be completed when the above comments have been addressed.

Respectfully submitted,

**MCGOEY, HAUSER & EDSALL
CONSULTING ENGINEERS, P.C.**



John Szarowski, P.E.
Senior Engineer